

WARNINGS:

Hazard Statements: Harmful if swallowed or if inhaled. Causes serious eye irritation. May cause damage to organs (slight muscular incoordination and a slightly enlarged abdomen) through prolonged or repeated exposure (oral). Very toxic to aquatic life with long lasting effects.

Preharvest Interval:

Withholding Period - Number of days between last application and harvest:

Citrus: 45 days

- Handle with care.
- Keep out of reach of children, uninformed persons and animals.
- Store under lock and key, away from food, feedstuffs, seed, fertilizers, and agricultural chemicals.
- **Re-entry Interval:** Do not enter treated area until spray deposit has dried unless wearing protective clothing.

Although this remedy has been extensively tested under a wide variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pest against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instruction or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

Precautionary Statements

General: If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.

Prevention: Do not breathe dust. Wash hands, forearms and face thoroughly after handling. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves, protective clothing.

Response: IF SWALLOWED: Call a poison centre or doctor if you feel unwell. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor if you feel unwell. Get medical attention if you feel unwell. If eye irritation persists: Get medical attention. Collect spillage.

Disposal: Dispose of contents and container to an approved waste disposal plant.

- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing.
- Prevent contamination of food, feedstuff, eating utensils and drinking water.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Do not allow drift to contaminate water sources and adjacent areas.
- **Clean the plastic-lined paper bag as follows:** Shake all the pesticide formulation out of the bag into the spray or mixing tank. Turn the bag inside out. Hold the bag over the spray or mixing tank and rinse the bag with running water for thirty seconds. Shake the rinsate off into the tank. Repeat the rinsing twice. Do not bury, burn or donate the bag to any other parties that may use it as a container for foodstuffs. These bags cannot be recycled and must be incinerated by a licensed incineration facility.
- Destroy empty container by perforation and flattening and never use for any other purpose.
- Clean the applicator after use and dispose of wash water where it will not contaminate crops, grazing or water sources.

ADDITIONAL PRECAUTIONS:

- Thorough coverage of trees with **FarmAg Buprofezin 500 WP** is very important as its biological action is dependent on crawlers coming into contact with residues of the product.
- Do not spray if the temperature is above 30°C or if trees are under stress.
- It is absolutely essential to use this treatment in conjunction with good ant control.

RELEVANT SUBSTANCES

NAME	PRODUCT IDENTIFIER
Buprofezin 98% TC	CAS-No.: 69327-76-0
Fatty alcohol polyoxyethylene ether	CAS-No.: 37335-03-8

FARM:AG

BUPROFEZIN 500 WP

Reg. No. / Nr L9472 Act No. 36 of 1947/ Wet Nr 36 van 1947



INSECTICIDE

**READ THE LABEL AND ATTACHED PACKAGED LEAFLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

IRAC INSECTICIDE GROUP CODE

16

IRAC INSEKODER GROEPKODE

A wettable powder stomach and contact insecticide with insect growth regulant activity for the control of mealybug in citrus.

'n Benatbare poeier maag- en kontakinsekdoder met insekgroei regulerende eienskappe vir die beheer van sitrus witluise in sitrus.

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Buprofezin (thiadiazin).....500g / kg.....Buprofesien (tiadiasien)



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Batch No:

D.O.M:

D.O.E:

Net Mass:

See reverse of packaging for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.

VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

UN No. / VR Nr: 3077

Poison Information Helpline (24 hrs): 0861 555 777



REGISTRATION HOLDER/ REGISTRASIEHOUER

Farm Ag International (Pty) Ltd
Reg. Nr.: Reg. No. 2005/011761/07
61 Marshall Drive, Old Mill Industrial Park,
Mount Edgecombe, South Africa, 4300
Tel: 031 003 3486



BARCODE

100986

RESISTANCE WARNING:

For resistance management, **FarmAg Buprofezin 500 WP** is a group code 16 insecticide. Any insect/mite population may contain individuals naturally resistant to **FarmAg Buprofezin 500 WP** and other group code 16 insecticides. The resistant individuals can eventually dominate the insect/mite population if these insecticides are used repeatedly. These resistant insects/mites may not be controlled by **FarmAg Buprofezin 500 WP** or any other group code 16 insecticide.

To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides from the same insecticide group code.
- Alternate or tank-mix with products from different insecticide group codes.
- Integrate other control methods (chemical, cultural, biological) into insect/mite control programmes.

For specific information on resistance management contact the registration holder of this product.

MODE OF ACTION

Chitin synthesis inhibitor, type 1 (homopteran), with subsequent effects on cuticle disposition. It also has effects on the hormone levels of nymphs associated with moulting and on prostaglandin synthesis. Persistent insecticide and acaricide with contact and stomach action; not translocated in the plant. Inhibits moulting of nymphs and larvae, leading to death. Also suppresses oviposition by adults; treated insects lay sterile eggs.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

The compatibility of **FarmAg Buprofezin 500 WP** with other products has not been tested and may be influenced by the formulation of the products involved as well as the quality of the water.

A physical compatibility test should always be carried out prior to application.

Mixing Instructions:

Pre-mix the required quantity of **FarmAg Buprofezin 500 WP** with a small volume of clean water.

Half fill the spray tank with water and add the slurry while the water in the tank is being stirred.

Add water to make up the desired spray volume.

Keep the spray mixture agitated during mixing and spraying.

CROP	DOSAGE RATE	REMARKS
CITRUS Mealybug	30 g/100 ℓ water	Apply at the onset of first crawler movement and before calyx closes. Repeat application 28 days later in cases of heavy infestation.



WAARSKUWINGS:

Gevaarstellings: Skadelik indien ingesluk of ingeasem word. Veroorsaak ernstige oogirritasie. Kan skade aan organe veroorsaak (effe spierkoördinasie en 'n effens vergrote buik) deur langdurige of herhaalde blootstelling (oraal). Baie giftig vir waterlewe met langdurige effekte.

Onthoudingsperiode: Aantal dae tussen laaste toediening en oes:

Sitrus: 45 dae

- Hanteer versigtig.
- Hou buite die bereik van kinders, oningeligte persone en diere.
- Stoor agter slot en grendel, weg van voedsel, voer, saad, kunsmis en ander landbouchemikalieë.
- Herbetreding: Moet nie behandelde gebied betree alvorens bespuiting droog is nie, tensy beskermende klere gedra word nie.

Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie aangesien die werking en effek daarvan beïnvloed kan word deur faktore soos abnormale grond-, klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weerstand van die plaag teen die betrokke middel asook die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige effekte op mens of dier of vir gebrek aan prestasie van die betrokke middel as gevolg van die versuim van die gebruiker om etiketaanwysings na te kom of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

VOORSORGMAAATREÛLS:

Voorsorgstellings

Algemeen: Indien mediese advies benodig word, hou produkhouer of etiket byderhand. Hou buite bereik van kinders. Lees etiket voor gebruik. Voorkoming: Moet nie stof inasem nie. Was hande, voorarms en gesig deeglik na hantering. Gebruik slegs buite of in 'n goed geventileerde area. Moet nie eet, drink of rook wanneer hierdie produk gebruik word nie. Vermy vrylating na die omgewing. Dra beskermende handskoene, beskermende klere.

Reaksie: INDIEN INGESLUK: Bel 'n gifsentrum of dokter as jy onwel voel. INDIEN INGESAEM: Verwyder persoon na vars lug en hou gemaklik om asem te haal. INDIEN IN OË: Spoel versigtig uit met water vir 'n paar minute. Verwyder kontakklense, indien teenwoordig en maklik om te doen. Gaan voort met spoel. Bel 'n dokter as jy onwel voel. Kry mediese hulp as jy onwel voel. Indien oogirritasie voortduur: Kry mediese hulp. Versamel gemors.

Wegdoening: Gooi inhoud en houer weg na 'n goedgekeurde afvalverwyderingsaanleg.

- Moenie eet, drink of rook tydens vermenging of toediening of voordat hande en gesig gewas en ander klere na gebruik aangetrek is nie.
- Voorkom besoedeling van voedsel, voer, eetgerei en drinkwater.
- Voorkom wegdrywing van spuitnewel na ander gewasse, weiding, riviere, damme en areas nie onder behandeling nie.
- Moet nie toelaat dat spuitnewel waterbronne en aangrensende gebiede besoedel nie.
- **Maak die plastiek-gevoerde papiersak soos volg skoon:** Skud al die plaagdoderformulering uit die sak in die spuit- of mengtenk. Draai die sak binneste buite. Hou die sak oor die spuit- of mengtenk en spoel die sak uit met lopende water vir dertig sekondes. Skud die spoelwater in die tenk af. Herhaal die spoel twee keer. Moet nie die sak begrawe, verbrand of skenk aan enige ander partye wat dit as 'n houer vir voedsel kan gebruik nie. Hierdie sakke kan nie herwin word nie en moet deur 'n gelisensieerde verbrandingsfasiliteit verbrand word.
- Vernietig die leë houer deur gate daarin te maak en plat te slaan en moet vir geen ander doel gebruik nie.
- Maak toedieningsapparaat skoon na gebruik. Raak van waswater ontslae waar dit nie gewasse, weiding of waterbronne sal besoedel nie.

BYKOMSTIGE VOORSORGMAAATREÛLS:

- Deeglike bedekking van bome met FarmAg Buprofezin 500 WP is baie belangrik aangesien die biologiese uitwerking afhanklik is van kruipers wat in aanraking kom met oorblyfsels van die produk.
- Moenie spuit as die temperatuur bo 30 OC is of as die bome onder stremming is nie.
- Dit is absoluut noodsaaklik om hierdie behandeling in samewerking met goeie mierbeheer toe te pas.

RELEVANTE STOWWE:

NAAM	PRODUK IDENTIFISEERDER
Buprofesien 98 % TS	CAS-Nr.: 69327-76-0
Vetalkohol polioksietileen eter	CAS-Nr.: 37335-03-8

WEERSTANDSWAARSKUWING:

FarmAg Buprofezin 500 WP is 'n groepkode 16 insekdoder. Enige populasie van 'n spesifieke insek mag individue insluit wat 'n natuurlike weerstand teen FarmAg Buprofezin 500 WP of enige ander groepkode 16 insekdoder het. Indien hierdie insekdoder herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die insekpopulasie oorheers. Hierdie weerstandbiedende insekte sal waarskynlik nie deur FarmAg Buprofezin 500 WP of enige ander groepkode 16 insekdoder beheer word nie.

Om weerstand teen insekdoders te vertraag:

- Vermyn die eksklusiewe herhaaldelike gebruik van insekdoders met dieselfde groepkode.
- Wissel af met, of gebruik tenkmengsels van produkte in verskillende insekdoder groepkodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in insekbeheer programme.

Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

WYSE VAN AKSIE:

Chitien sintese inhibeerder, tipe 1 (homopteran), met daaropvolgende effekte op kutikula aanleg. Dit het ook effekte op die hormoonvlakke van nimfe wat met vervelling geassosieer word en op prostaglandiensintese. Aanhoudende insek- en mytdoder met kontak- en maagwerking; nie in die plant getranslokeer nie. Inhibeer vervelling van nimfe en larwes, wat tot die dood lei. Onderdruk ook oviposisie deur volwassenes; behandelde insekte lê steriele eiers.

GEBRUIKSAANWYSINGS: Gebruik slegs soos aangedui.**Verenigbaarheid:**

Die verenigbaarheid van FarmAg Buprofezin 500 WP met ander produkte is nie bepaal nie en kan beïnvloed word deur die formulase van die betrokke produkte asook deur die kwaliteit van die water.

'n Fisiese verenigbaarheidstoets moet altyd uitgevoer word voordat gespuit word.

Menginstruksies:

Meng die benodigde hoeveelheid FarmAg Buprofezin 500 WP met 'n klein volume skoon water.

Maak die spuitnek halfvol met water en voeg die flodder by terwyl die water geroer word.

Voeg water by totdat die verlangde spuitvolume verkry is.

Hou die spuitmengsel in roering tydens vermenging en toediening.

GEWAS / PLAAG	DOSIS	OPMERKINGS
SITRUS Sitrus wltuis	30 g/100 ℓ water	Dien toe met aanvang van eerste kruiper beweging en voor die sluit van blomkelk. Herhaal toediening na 28 dae in geval van swaar infestasië.



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Poison Information Helpline (24 hrs): 0861 555 777



BARCODE

100966

165(H) x 140(W) mm

CYAN

MAG

YEL

BLK

100966